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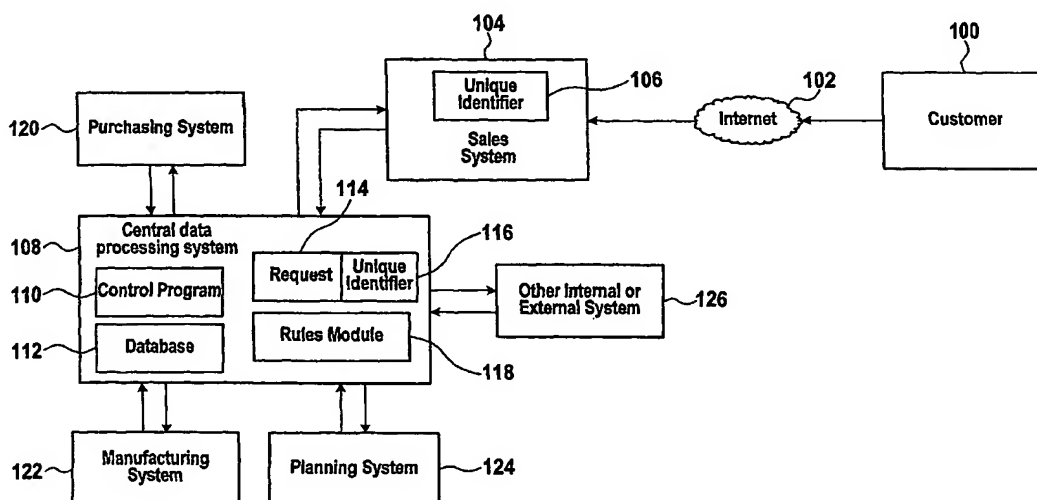
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- (71) Applicant (for all designated States except US): SAP AKTIENGESELLSCHAFT [DE/DE]; Neurottstrasse 16, 69190 Walldorf (DE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): HANS-ULRICH, V., Helmolt [DE/DE]; Rohrbacher Strasse 195, 69126 Heidelberg (DE). MICHAEL, Picht [DE/DE]; Matthias-Grünewald-Strasse 5, 69190 Walldorf (DE). VOLKER, Jaeck [DE/DE]; Hinter der Mühle 31, 69226 Nussloch (DE). JÜRGEN, Seeburger [DE/DE]; Silvanerweg 1, 69168 Wiesloch (DE).
- (74) Agents: RICHARDT, Markus et al.; Unter den Eichen 7, 65195 Wiesbaden (DE).
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(54) Title: A DATA PROCESSING METHOD, SYSTEM AND COMPUTER PROGRAM



(57) Abstract: A system, method and computer program product are disclosed for data processing in a supply chain management utilizing a central data processing system which integrates a plurality of functionalities for partner and system determination, as well as availability checking. Upon receiving a request which includes a plurality of items from a customer, unique identifiers are generated and assigned relevant to the customer's items in response to the request. Each request is split into plurality of sub-requests where each subrequest is assigned to an internal or external system by means of the rules. In case a synchronous communication is used the dynamic combining of the sub-results is performed at runtime. In case an asynchronous communication is employed, the sub-responses are aggregated in a database until all sub-responses have been received. The amount of requested resources is adjusted in both cases based on the information received from the central data processing system.



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